

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6238044".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/01 09:23
L2	2	"6347864".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/01 09:23
L3	2	"20050157118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/01 11:42
S2	10	("4985710" "5160945" "5221397" "6017117" "6270177" "6382769" "6554398" "6652082" "6672706" "6679584"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/21 15:35
S3	4899	(pagewidth OR page\$width OR page\$wide OR PWA OR "page-wide array" OR print\$bar)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/16 08:53
S6	214501	cartridge OR "ink pen" OR ink\$pen OR "ink jet cassette" OR ink\$container OR ink\$jet\$pen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/16 08:58
S7	1748	S3 AND S6	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/16 08:59
S8	2585525	air OR air\$pressure OR (air NEAR (clean OR service OR filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/16 09:03
S9	1235	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/16 09:03
S10	14269115	@ad<="20050120"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 08:04
S11	1151	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/16 09:05

S12	3	S11 AND (("4985710" "5160945" "5221397" "6017117" "6270177" "6382769" "6554398" "6652082" "6672706" "6679584").PN.)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/16 09:57
S13	7	("6017117").URPN.	USPAT	OR	ON	2005/11/16 10:31
S14	4	("6227660").URPN.	USPAT	OR	ON	2005/11/16 10:54
S15	8	("4734718" "4736212" "5184344" "5528271" "5665249" "5929877" "6227660" "6450615").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 12:58
S16	16	("4734718").URPN.	USPAT	OR	ON	2005/11/16 13:22
S17	5	("4164745" "4312009" "4358781" "4555717" "4613875").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 13:57
S19	2	"20020140775"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/16 13:58
S21	16	("4417259" "4736212" "5184344" "5489927" "5555461" "5665249" "5877788" "5905517" "5909230" "5929877" "6010254" "6132028" "6227660" "6398343" "6412904" "6412908").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:15
S23	16	("4417259" "4736212" "5184344" "5489927" "5555461" "5665249" "5877788" "5905517" "5909230" "5929877" "6010254" "6132028" "6227660" "6398343" "6412904" "6412908").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:29
S24	3	("6222304").URPN.	USPAT	OR	ON	2005/11/16 14:33
S25	16	("3940637" "4184094" "4539575" "4642508" "4888598" "5309519" "5589725" "5600197" "5736808" "5831371" "5973441" "5997671" "6017117" "6042345" "6060811" "6091182").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:33
S27	11	("4706130" "4947192" "5057854" "5107276" "5160945" "5218754" "5412410" "5565900" "5719602" "5867183" "6312114").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:45
S28	11	("4706130" "4947192" "5057854" "5107276" "5160945" "5218754" "5412410" "5565900" "5719602" "5867183" "6312114").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 15:02
S29	1	("6679584").URPN.	USPAT	OR	ON	2005/11/16 15:20
S30	1	("6270177").URPN.	USPAT	OR	ON	2005/11/16 15:31
S31	2	("5020926" "5909227").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 15:58
S32	13897226	@ad<="20040120"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 08:04
S33	4908	(pagewidth OR page\$width OR page\$wide OR PWA OR "page-wide array" OR print\$bar)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 08:04

S34	214730	cartridge OR "ink pen" OR ink\$pen OR "ink jet cassette" OR ink\$container OR ink\$jet\$pen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 08:04
S35	1753	S33 AND S34	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 08:04
S36	2587033	air OR air\$pressure OR (air NEAR (clean OR service OR filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 08:04
S37	1239	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 08:04
S38	725	S32 AND S37	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 08:05
S49	2	WO-9904551-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 11:24
S53	1	"6152619".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 11:28
S54	1	S53 AND S38	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 11:28
S55	6	("5493409" "5835136" "5847836" "5894326" "5999203" "D329862").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/17 11:32
S56	7	("6152619").URPN.	USPAT	OR	ON	2005/11/17 11:33
S58	603219	printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 13:52
S60	997154	printer OR print	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 13:54

S61	23004	print\$head OR printhead OR image\$head	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 13:56
S62	592	S61 AND S60 AND S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 14:04
S63	666	S36 NEAR S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 14:04
S64	179	S63 AND S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 14:36
S65	39478	S32 AND S34 AND S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 14:37
S66	671953	air\$distribution OR "air distribution" OR air\$pump OR "air pump" OR compressed\$air OR "compressed air" OR air\$supply OR "air supply" OR air\$flow OR "air flow"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 14:41
S67	1113	S66 SAME S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 14:41
S68	356	S65 AND S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 14:43
S69	60	S66 NEAR S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 14:43
S70	6	S69 AND S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 14:44

S71	2592227	air\$distribution OR "air distribution" OR air\$pump OR "air pump" OR compressed\$air OR "compressed air" OR air\$supply OR "air supply" OR air\$flow OR "air flow" OR air	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 15:01
S72	6402	S71 AND S61	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 15:01
S73	696	S71 NEAR S61	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 15:02
S74	310	S73 AND S65	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 15:43
S75	504557	S71 SAME S66	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 15:45
S76	2503	S75 AND S65	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/17 15:45
S79	2	("6491364").URPN.	USPAT	OR	ON	2005/11/18 09:24
S80	8	("20020089563" "4411706" "4418355" "4591869" "4875054" "5173988" "5519420" "6491364").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 09:31
S81	14	("4411706").URPN.	USPAT	OR	ON	2005/11/18 09:44
S82	2	("4825229").URPN.	USPAT	OR	ON	2005/11/18 09:53
S83	7	("2373595" "3332623" "4036434" "4083932" "4200232").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 09:54
S84	2	("6491364").URPN.	USPAT	OR	ON	2005/11/18 09:58
S85	13	("3983801" "4077040" "4369450" "4411706" "4520366" "4591869" "5625398" "5774141" "5798774" "5877788" "6203152" "6220693" "6270019").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 09:58
S86	9	("6203152").URPN.	USPAT	OR	ON	2005/11/18 10:06
S87	2	("6491364").URPN.	USPAT	OR	ON	2005/11/18 10:25
S88	2	("6491364").URPN.	USPAT	OR	ON	2005/11/18 10:25
S89	13	("3983801" "4077040" "4369450" "4411706" "4520366" "4591869" "5625398" "5774141" "5798774" "5877788" "6203152" "6220693" "6270019").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 10:26
S90	15	("4591869").URPN.	USPAT	OR	ON	2005/11/18 11:02
S91	1	("4122457").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 11:11
S92	2	("4825229").URPN.	USPAT	OR	ON	2005/11/18 11:12
S93	9	("6203152").URPN.	USPAT	OR	ON	2005/11/18 11:12

S94	15	("3983801" "4077040" "4369450" "4411706" "4520366" "4591869" "4942409" "5528271" "5625398" "5771050" "5774141" "5877788" "6203152" "6220693" "6340225").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 11:16
S95	16	("5774141").URPN.	USPAT	OR	ON	2005/11/18 11:19
S96	16	("5774141").URPN.	USPAT	OR	ON	2005/11/18 11:41
S97	1	("6375304").URPN.	USPAT	OR	ON	2005/11/18 11:42
S98	14	("3854399" "4004513" "5406316" "5428384" "5528271" "5552812" "5563639" "5617124" "5625398" "5742303" "5774141" "5831647" "5831655" "5980018").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 13:33
S99	8379	air NEAR (dust OR debris)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 13:37
S100	192369	air AND (dust OR debris)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 13:37
S101	23004	print\$head OR printhead OR image\$head	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/18 13:38
S102	2166	S100 AND S101	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 13:38
S103	659	air NEAR S101	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 13:39
S106	997154	printer OR print	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/18 13:40
S107	655	S103 AND S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/18 13:41
S108	343	S107 AND "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/18 13:56
S109	13897226	@ad<="20040120"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/18 13:57
S110	380	S107 AND S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/18 13:57

S111	219	S108 AND S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/18 14:17
S112	2	S110 AND S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/18 14:34
S113	231	S110 AND S100	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/18 14:34
S116	192367	air AND (dust OR debris)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 10:19
S117	23049	print\$head OR printhead OR image\$head	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 13:40
S118	659	air NEAR S117	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 10:19
S119	998976	printer OR print	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 10:19
S120	655	S118 AND S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 10:19
S121	13927670	@ad<="20040120"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/21 10:19
S122	380	S120 AND S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 10:19
S123	231	S122 AND S116	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/21 10:19

S124	188	S123 AND filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 10:20
S126	17	("3856555" "4272773" "4719479" "5124717" "5428377" "5481289" "5489930" "5495272" "5537136" "5610645" "5657065" "5705070" "5771052" "5969739" "6000789" "6042225" "6084618").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 11:34
S128	4	S126 AND S117 AND S121 AND ((air OR fluid) AND (dust OR debris))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 11:36
S129	4	S126 AND S117 AND S121 AND ((air OR fluid) AND (dust OR debris))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/21 12:58
S132	480	(airfilter OR air\$filter OR fluid\$filter OR air\$flow OR air\$supply OR air\$pump) AND (S117) AND S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 13:02
S133	85757	(airfilter OR air\$filter OR fluid\$filter OR air\$flow OR air\$supply OR air\$pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 13:03
S134	2	S133 NEAR S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 13:03
S135	3	("6290349").URPN.	USPAT	OR	ON	2005/11/21 13:07
S136	3	("6290349").URPN.	USPAT	OR	ON	2005/11/21 13:15
S137	3	("4571599" "6048055" "6099189").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:25
S138	34645	print\$head OR printhead OR image\$head OR "printer head" OR printer\$head	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 13:41
S139	728	S133 AND S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 13:41

S140	2	S133 NEAR S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/21 13:42
S141	7	("5160535" "5414262" "5542971" "6106110" "6137512" "6290349" "6428155").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/21 13:51
S145	3	("6488422").URPN.	USPAT	OR	ON	2005/11/21 14:57
S148	2313613	filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 13:19
S149	34666	print\$head OR printhead OR image\$head OR "printer head" OR printer\$head	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 10:40
S150	119	S148 NEAR S149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 10:47
S151	4699824	air OR fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 10:47
S152	73154	S151 NEAR S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 10:48
S154	57184	air NEAR S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 10:51
S155	215234	cartridge OR "ink pen" OR ink\$pen OR "ink jet cassette" OR ink\$container OR ink\$jet\$pen	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/23 10:53
S156	3243	S155 AND S154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 10:55

S157	497	S156 AND S149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 10:58
S158	461	S157 AND (S148 SAME S149)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 11:19
S159	13929687	@ad<="20040120"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/23 11:19
S160	230	S158 AND S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 12:24
S163	98	S150 AND S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 11:20
S164	60962	S148 AND S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 12:25
S165	62	S164 AND S150	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 12:27
S167	3	S165 AND S154 AND S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 12:27
S169	8	("6206515").URPN.	USPAT	OR	ON	2005/11/23 12:38

S170	138	("20010006395" "20010013886" "20010017641" "20010019347" "20010030675" "20010040612" "20020008744" "20020024573" "20020036680" "20020039124" "20020054194" "20020080216" "20020105567" "20020145650" "20020186284" "20020191061" "20030016279" "20030052944" "2609570" "3940773" "4303929" "4336544" "4380018" "4385025" "4462428" "4480259" "4604633" "4641154" "4685185" "4734706" "4734711" "4860787" "4910529" "4914453" "5040002" "5126755" "5426459" "5434603" "5440333" "5448818" "5451995" "5464578" "5515092" "5541632" "5574490" "5583545" "5594483" "5610643" "5640186" "5644341" "5646666" "5650811" "5666141" "5719609" "5736992" "5737001" "5745137" "5751319" "5757401" "5757406" "5771053" "5777647" "5781213" "5812163" "5812168" "5821966" "5825383" "5838351" "5844577" "5847734" "5894316" "5912688" "5923353" "5975686" "5980028" "5984463" "5992986" "6000785" "6003984" "6007190" "6010211" "6053607" "6074043" "6079813" "6084617" "6106180" "6130690" "6130694" "6164744" "6168267" "6172695" "6183071" "6199977" "6203146" "6206515" "6217153" "6217157" "6227654" "6228050" "6231173" "6243115" "6243117" "6247791" "6250747" "6257699" "6257714" "6260961" "6270204" "6273151" "6290348" "6312116" "6312615" "6318851" "6325354" "6328421" "6331050" "6331054" "6341853" "6364471").PN. OR ("6365701" "6371605" "6382784" "6383436" "6390603" "6394137" "6412911" "6416165" "6422691" "6428140" "6428141" "6428147" "6460778" "6478406" "6500354" "6508545" "6527357" "6536875").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/23 13:16
S173	4547277	filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 14:34
S174	509	(S173 NEAR (air or gas or gaseous)) SAME S149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 08:01
S175	255	S174 AND S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/23 14:59
S177	14	("20030048333" "4639748" "4864329" "5124717" "5132707" "5141596" "5204690" "5463413" "5665249" "5716533" "6139674" "6254222" "6286941" "6309054").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 10:41
S178	1	("6723147").URPN.	USPAT	OR	ON	2005/11/25 11:43
S179	13	("3352622" "3953862" "4419677" "4790857" "4806032" "4824443" "5108474" "5286382" "5446118" "5555238" "6028028" "6030484").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 11:44

S181	2	("5296873" "5406316").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 14:34
S182	34682	print\$head OR printhead OR image\$head OR "printer head" OR printer\$head	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 14:45
S183	0	((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) NEAR (S182) NEAR (direct OR blow OR flow OR clean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 14:47
S184	3	((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) SAME (S182) NEAR (direct OR blow OR flow OR clean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:54
S185	4	("6238044").URPN.	USPAT	OR	ON	2005/11/25 14:54
S186	7	("4223324" "4296418" "5409138" "5778160" "5784088" "5847735" "6048055").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 14:55
S187	21	((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) SAME (S182) NEAR (direct\$2 OR blow\$1 OR flow OR clean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:01
S188	0	((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) SAME (S182)) NEAR (direct\$2 OR blow\$1 OR flow OR clean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:01
S189	143	((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) SAME (S182) SAME (direct\$2 OR blow\$1 OR flow OR clean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:06
S190	13930055	@ad<="20040120"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/25 15:03
S191	66	S189 AND S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:03
S192	1	((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) NEAR (S182)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:08
S193	1	("6398351").URPN.	USPAT	OR	ON	2005/11/25 15:07

S194	6	("4827278" "5126752" "5451987" "5570116" "5634170" "5933689").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 15:07
S195	507	((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) SAME (S182)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:23
S196	255	S195 AND S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:09
S197	362	((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) AND (S182)) AND S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:52
S198	1	((S182) NEAR ((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)))) AND S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:29
S199	0	((S182) ADJ ((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)))) AND S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:32
S200	40594	((air OR aeration) NEAR (filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) AND S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:32
S201	366	S200 AND "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:33
S202	70	((filter OR porous\$material OR porous\$membrane OR membrane OR porous OR filtre OR filtrum OR pressure\$control OR pressure\$regulator OR pressure\$regulating OR film)) SAME (S182) NEAR (direct OR blow OR flow OR clean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:54
S203	46	S202 AND S190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/25 15:54
S206	2	("6347864").URPN.	USPAT	OR	ON	2005/11/25 16:16
S207	3	("5184147" "5379999" "5559538").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 16:24

S208	4	("4223324" "4231046" "4300145" "4417259").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/25 16:45
S209	5	("4626869").URPN.	USPAT	OR	ON	2005/11/25 16:46
S210	34	("4736212").URPN.	USPAT	OR	ON	2005/11/29 11:13
S211	0	("2003/0197752").URPN.	USPAT	OR	ON	2005/11/29 11:27
S212	15	("3983801" "4077040" "4369450" "4411706" "4520366" "4591869" "4942409" "5528271" "5625398" "5771050" "5774141" "5877788" "6203152" "6220693" "6340225").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 11:29
S213	10	("5771050").URPN.	USPAT	OR	ON	2005/11/29 11:31
S214	15	("4591869").URPN.	USPAT	OR	ON	2005/11/29 11:34
S215	15	("3983801" "4077040" "4369450" "4411706" "4520366" "4591869" "4942409" "5528271" "5548894" "5625398" "5774141" "5877788" "6203152" "6220693" "6340225").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 12:22
S216	18	("5877788").URPN.	USPAT	OR	ON	2005/11/29 12:23
S217	0	("6575556").URPN.	USPAT	OR	ON	2005/11/29 12:43
S218	11	("4296418" "4528996" "4862192" "5489928" "5543827" "5598197" "5877788" "5881958" "5980034" "6145954" "RE35737").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 12:43
S219	8	("4528996" "4600928" "4849769" "4970535" "5412411" "5574485" "5877788" "5929877").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 12:56
S220	8	("4106032" "4223324" "4417259" "4558332" "4638336" "4672397" "4736212" "4908636").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:15
S221	18	("5929877").URPN.	USPAT	OR	ON	2005/11/29 13:29
S222	0	("6575556").URPN.	USPAT	OR	ON	2005/11/29 13:45
S223	11	("4296418" "4528996" "4862192" "5489928" "5543827" "5598197" "5877788" "5881958" "5980034" "6145954" "RE35737").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:45
S224	0	("6755505").URPN.	USPAT	OR	ON	2005/11/29 13:47
S225	11	("3983801" "4077040" "4369450" "4411706" "4520366" "4591869" "4940998" "5625398" "5774141" "5877788" "6203152").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:47
S226	0	("6719398").URPN.	USPAT	OR	ON	2005/11/29 13:52
S227	15	("3983801" "4077040" "4369450" "4411706" "4520366" "4591869" "4942409" "5528271" "5548894" "5625398" "5774141" "5877788" "6203152" "6220693" "6340225").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:52
S228	6	("4417259" "4736212" "5665249" "5877788" "5929877" "6390591").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 13:58
S229	1	("6561620").URPN.	USPAT	OR	ON	2005/11/29 14:03
S230	11	("3983801" "4077040" "4369450" "4411706" "4520366" "4591869" "4940998" "5625398" "5774141" "5877788" "6203152").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:04
S231	0	("6267464").URPN.	USPAT	OR	ON	2005/11/29 14:05
S232	18	("4500895" "4563688" "4794409" "4800403" "4849769" "4849774" "5103244" "5248998" "5287126" "5300958" "5311218" "5543827" "5574485" "5598196" "5682191" "5757396" "5877788" "5929877").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 14:05

S233	2	("5296873" "5406316").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 11:08
S234	9	("6203152").URPN.	USPAT	OR	ON	2005/11/30 11:09
S235	2	("5296873" "5406316").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 11:42
S236	1	"20020126188"	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 11:55
S237	1	("2002/0126188").URPN.	USPAT	OR	ON	2005/11/30 11:42
S238	8748	(air ADJ filter) SAME (threshold OR pressure OR regulate)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:52
S239	34719	print\$head OR printhead OR image\$head OR "printer head" OR printer\$head	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/30 12:00
S240	47	S238 AND S239	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:01
S241	0	("2005/0248646").URPN.	USPAT	OR	ON	2005/11/30 12:17
S242	8876	(air ADJ filter) SAME (threshold OR pressure OR regulate OR restrict)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:52
S243	47	S242 AND S239	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:53
S244	13932145	@ad<="20040120"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/30 12:53
S245	11	S243 AND S244	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:53
S246	3	("6290349").URPN.	USPAT	OR	ON	2005/11/30 12:54
S247	3	("4571599" "6048055" "6099189").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:56
S248	66507	(plurality ADJ (hole OR pore))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 14:00
S249	1850408	filter OR membrane OR film	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:57
S250	18779	S248 AND S249	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:58
S251	251	S250 AND S239	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:58
S252	166	S251 AND S244	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 12:59

S253	57	("4329698" "4391850" "4440827" "4446174" "4474847" "4567096" "4623557" "4642247" "4749291" "4771295" "4775594" "4780356" "4785313" "4879166" "4963189" "5008231" "5013603" "5091359" "5104730" "5185034" "5194347" "5266383" "5278584" "5354634" "5397619" "5418078" "5463178" "5472773" "5478631" "5514636" "5576088" "5605750" "5609964" "5635297" "5637196" "5677067" "5691046" "5723211" "5753588" "5755929" "5759673" "5798173" "5804293" "5863648" "5882388" "5912071" "5916673" "5928789" "5962124" "5965244" "5965252" "5975686" "5977019" "5985076" "5989701" "6063489" "6214449").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 13:22
S254	2	("6464347").URPN.	USPAT	OR	ON	2005/11/30 13:34
S255	0	("2004/0085435").URPN.	USPAT	OR	ON	2005/11/30 13:49
S256	117	filter NEAR (plurality NEAR (hole OR pore OR threshold))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 14:03
S257	97	S256 AND S244	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 14:02
S258	1	air NEAR (filter NEAR (plurality NEAR (hole OR pore OR threshold)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 14:04
S259	0	(air NEAR (filter SAME (plurality NEAR (hole OR pore OR threshold)))) AND S244	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/30 14:05
S261	368	(air SAME (filter SAME (plurality NEAR (hole OR pore OR threshold)))) AND S244	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/30 14:07
S262	7	S261 AND "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/11/30 14:07